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ANTIMICROBIAL PROTECTION FOR PLASTIC STRUCTURES

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Abstract of the Invention

Disclosed is a composition and method for  
10 providing antimicrobial protection to plastic structures,  
such as plastic decking, planking, fencing, and panels.  
The method comprises applying a water-soluble biocide to  
the metal-containing structure, and converting the  
soluble biocide to a water-insoluble metal biocide salt  
15 that is adsorbed on the surface of, or into the porous  
structure of the plastic material. The slow release of  
the insoluble antimicrobial agent from the surface or  
from within the pores of said plastic structure provides  
antimicrobial protection for the plastic structure.

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